

DATE: 1112Z 14 SEPT 59

S E C R E T

CORRIGED
1
00/PHYPER
OPS
PIAT
RI

TO: DIRECTOR

FROM: [REDACTED]

ROUTINE

SUBJECT: DPD (1,2,3,4,5,6,7,8,9,10)

INFO: S/C (11)

RR

TOR: 1112Z 14 SEPT 59

IN 07258
25X1A

TO: [REDACTED]

INFO: [REDACTED]

INFO: [REDACTED]

25X1A

1. A SERIES OF ELINT MALFUNCTIONS AS RESULT OF BLOWN FUSES IN

[REDACTED] JUNCTION BOX AND POWER SUPPLIES OCCURRED DURING [REDACTED]



2. ALL PREVIOUS MISSION AND TEST FLIGHTS WERE CONDUCTED WITH AC GENERATOR AND MASTER SWITCH ON AT TAKEOFF. IN [REDACTED] SWITCHES WERE TURNED ON AT LEVELLING OFF OR LATER.

25X1A

3. MALFUNCTIONS BELIEVED DUE NON WARMING OF EQUIPMENT AT AMBIENT TEMP WITH RESULT LOW TEMPERATURES AT HIGH ALTITUDE SLOWED MOLECULAR MOTION IN FILAMENTS, FUSES, ETC. WITH CONSEQUENT REDUCED RESISTANCE AND EXCESSIVE POWER SURGE WHEN SWITCHES THROWN.

4. REQUEST ANY INFO AVAILABLE ON SUBJECT INITIAL APPLICATION OF POWER AT REDUCED TEMPERATURES.

END OF MESSAGE

S E C R E T

REPRODUCTION BY OTHER THAN THE ISSUING OFFICE IS PROHIBITED.

Copy No.